

Message

From: Fennessy, Christopher [christopher.fennessy@Rocket.com]
Sent: 2/7/2020 12:04:11 AM
To: MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov) [Alex.MacDonald@waterboards.ca.gov]; MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov) [Peter.MacNicholl@dtsc.ca.gov]; Swanson, Charles [Swanson.Charles@epa.gov]
Subject: Area 40 update

Hi Everyone – See below. It appears that many of the radiellos were blown off of the T-posts and were found at the base of the T-posts upon arrival today. The radiellos at locations A40-01 and A40-02 (above the excavations) were under steel shelters and; therefore, did not blow away. Since locations A40-01 and A40-02 are still in good condition and are located in the primary area of interest, we are going to analyze these samples. We will then re-deploy all samplers with better shelters. I will let you know when we are able to re-deploy. Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Senior Manager, Environmental Remediation
PO Box 13222
Sacramento, California 95813-6000
Cell: 916-798-6103
Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com

From: Arthur Forma <AForma@Geosyntec.com>
Sent: Thursday, February 6, 2020 3:13 PM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Chris-

Upon arrival today, a majority of the Radiello shelters were found to have been dislodged from the posts and not at their original heights of 2 and 4 feet above ground. It appears that the heavy winds experienced on Monday (max of 17 mph) dislodged/broke the shelters free of the posts and even blew one of the samplers away from its post. We were able to recover all of the samplers and they are at the lab pending further instructions.

Here is a list of the shelters that were dislodged:

- A40-03-02
- A40-03-04
- A40-04-02
- A40-04-04
- A40-05-02
- A40-05-04
- A40-06-02
- A40-06-04
- A40-07-02

- A40-08-02
- A40-08-04
- A40-10-02
- A40-10-04
- A40-11-02
- A40-11-04
- A40-12-04
- A40-21-02
- A40-29-04
- A40-30-04
- A40-30-02
- A40-31-02
- A40-31-04

The A40-29-02 sampler was completely out of the shelter.

Please let us know how you would like to proceed as the samplers are on hold at the lab.

Thanks

Arthur Forma, PG, CEG, CHG (CA)
Senior Principal Hydrogeologist

 Direct: 916.637.8327
 Mobile: 916.494.8110

From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Thursday, February 6, 2020 12:49 PM
To: Rob Wilhelm <RWilhelm@HARGIS.COM>; Laura Foot <LFoot@Geosyntec.com>
Cc: Arthur Forma <AForma@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Thanks Rob!!

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From: Rob Wilhelm <RWilhelm@HARGIS.COM>
Sent: Thursday, February 6, 2020 11:03 AM
To: LFoot@Geosyntec.com
Cc: AForma@Geosyntec.com; Fennessy, Christopher <christopher.fennessy@Rocket.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Hi Laura:

Attached is the Aerojet Area 40 weather station data.

Please let us know if you have any questions.

Thanks,
Rob

Robert W. Wilhelm II, PG, CPG
Director Business Development & NorCal Operations
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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Wednesday, February 5, 2020 11:49 AM
To: Rob Wilhelm <RWilhelm@HARGIS.COM>
Subject: FW: [EXTERNAL] Area 40 1Q20 schedule

Hi Rob — Can you have someone download the Area 40 Met station data tomorrow morning between 10-11am and send it to Laura at GeoSyntec? Thanks for your help! Chris

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From: Arthur Forma <AForma@Geosyntec.com>
Sent: Wednesday, February 5, 2020 10:59 AM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Chris-

We will be retrieving the Radiello at Area 40 tomorrow morning. We will need the met station download as soon as possible after final retrieval so we can add the average temperature to the chain of custody.

Please Let Rob know that we will be looking for the data around 11 am tomorrow. H can coordinate with Laura (408-568-9100) as needed.

Thanks!

Arthur Forma, PG, CEG, CHG (CA)
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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Wednesday, January 22, 2020 5:08 PM
To: Arthur Forma <AForma@Geosyntec.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Rob Wilhelm with Hargis will be out tomorrow morning to download met station data so the file is clear for the next 2 weeks and will download when you need for lab analysis.

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From: Arthur Forma <AForma@Geosyntec.com>
Sent: Wednesday, January 22, 2020 3:10 PM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Chris-

We are ready to go tomorrow morning. Any Agency splits or coordination necessary?

Also, we'll need Hargis to get us a Met Station down load immediately following retrieval (scheduled for February 6). We need to include the average temperature on the COC for the lab analysis.

Thanks

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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Tuesday, January 21, 2020 7:13 AM
To: Arthur Forma <AForma@Geosyntec.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

They are good to go through mid-December 2020

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From: Arthur Forma <AForma@Geosyntec.com>
Sent: Monday, January 20, 2020 5:16 PM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Chris-

For Thursday we will need badges for the following staff:

- George Hichborn

Can you extend:

- Catherine Mear - her badge is good through Feb 7 but she will be assisting with the VI work later in February

Both are US Citizens and will be working on these tasks through 2020.

Thanks

Arthur Forma, PG, CEG, CHG (CA)
Senior Principal Hydrogeologist

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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Friday, January 17, 2020 8:47 AM
To: Arthur Forma <AForma@Geosyntec.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Thanks! Sounds like it was thoroughly compacted =).

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From: Arthur Forma <AForma@Geosyntec.com>
Sent: Friday, January 17, 2020 8:45 AM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Yes, they are. Sunk in my boots in the fresh backfill

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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Thursday, January 16, 2020 7:21 PM
To: Arthur Forma <AForma@Geosyntec.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Ok. Can you confirm that locations 1 and 2 are in the middle of the excavation area? I am not sure that the original locations were even directly above the former sumps.

Sent with BlackBerry Work (www.blackberry.com)

From: Arthur Forma <AForma@Geosyntec.com>
Sent: Jan 16, 2020 4:29 PM
To: "Fennessy, Christopher" <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Thanks for the info.

I was able to mark locations 1 and 2 last week when I had a very accurate GPS (+/- 1cm). The rest of the t-posts for the other 13 locations looked good.

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From: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Sent: Thursday, January 16, 2020 2:51 PM
To: Arthur Forma <ARForma@Geosyntec.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: RE: [EXTERNAL] Area 40 1Q20 schedule

Hi Arthur — I will check with the Agencies. Things to note: Need to set new T-posts [ground should be wet and conducive to driving posts =)]. I am not sure if you have coordinates for the T posts or are just going off memory. Regardless of the coordinates for locations 1 and 2, the T-posts that will be set in the 36B and 37B source areas should go in the middle of the backfill of the excavation. Hopefully, the excavation area is still evident. The other locations should remain the same as previous.

I think that is it. Although I don't think you need to during this event, please do not leave any equipment other than that required for sampling at the site. Thieves have been roaming the sites, including Area 40.

Thanks, Chris

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From: Arthur Forma <ARForma@Geosyntec.com>
Sent: Thursday, January 16, 2020 1:49 PM
To: Fennessy, Christopher <christopher.fennessy@Rocket.com>
Cc: Laura Foot <LFoot@Geosyntec.com>
Subject: [EXTERNAL] Area 40 1Q20 schedule

Chris-

We are planning to deploy the 1Q20 Radiellos at Area 40 on Thursday, January 23 (would like to avoid the rain earlier in the week). Retrieval will be on February 6th. Upon retrieval we'll need a download of the weather station data so we can add the average temperature to the COC for the analysis.

Do we need to coordinate with any Agency split sampling this time around? We can adjust our schedule if needed.

Anything else we need to know?

Thanks

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